

Title (en)
RADIATION IMAGING APPARATUS, RADIATION IMAGING SYSTEM, AND METHOD OF OPERATING RADIATION IMAGING APPARATUS

Title (de)
STRAHLUNGSABBILDUNGSVORRICHTUNG, STRAHLUNGSABBILDUNGSSYSTEM UND VERFAHREN ZUM BETRIEB EINER STRAHLUNGSABBILDUNGSVORRICHTUNG

Title (fr)
APPAREIL D'IMAGERIE PAR RAYON X, SYSTÈME D'IMAGERIE PAR RAYON X ET PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL D'IMAGERIE PAR RAYON X

Publication
EP 3226549 B1 20200506 (EN)

Application
EP 17159306 A 20170306

Priority
• JP 2016066316 A 20160329
• JP 2016135207 A 20160707

Abstract (en)
[origin: EP3226549A1] A radiation imaging apparatus includes a pixel array, a scanning circuit for scanning a plurality of rows of the pixel array in accordance with a selected mode of a plurality of modes, and a readout circuit configured to read out signals from pixels on a selected row in scanning by the scanning circuit. The plurality of modes include a first mode of performing image capturing at a first frame rate and a second mode of performing image capturing at a second frame rate lower than the first frame rate. The number of times of scanning on the plurality of rows by the scanning circuit in one frame period in the second mode is larger than that of scanning on the plurality of rows by the scanning circuit in one frame period in the first mode.

IPC 8 full level
H04N 5/32 (2006.01); **A61B 6/00** (2006.01); **G01T 1/24** (2006.01); **H04N 5/361** (2011.01)

CPC (source: EP US)
A61B 6/487 (2013.01 - EP US); **A61B 6/54** (2013.01 - EP US); **G01N 23/043** (2013.01 - EP US); **G01T 1/247** (2013.01 - US); **H04N 5/32** (2013.01 - US); **H04N 25/63** (2023.01 - EP US)

Cited by
US2022247927A1; EP4075791A1; US11835664B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3226549 A1 20171004; EP 3226549 B1 20200506; US 10416323 B2 20190917; US 2017285189 A1 20171005

DOCDB simple family (application)
EP 17159306 A 20170306; US 201715446187 A 20170301